Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100667.D
Acq On : 17 Nov 2017 10:47
Operator : SJ/JU
Sample : I6289-05 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-111417

Quant Time: Nov 17 15:37:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102556	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	407292	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	188176	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	339373	20.00	ng	0.00
75) Chrysene-d12	14.04	240	216206	20.00	ng	0.00
86) Perylene-d12	15.52	264	230300	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	155384	24.29	ng	0.00
7) Phenol-d6	6.49	99	190773	24.18	ng	-0.02
23) Nitrobenzene-d5	7.44	82	110855	17.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	47975	25.02	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	241614	19.55	ng	0.00
78) Terphenyl-d14	12.98	244	190383	20.23	ng	0.00

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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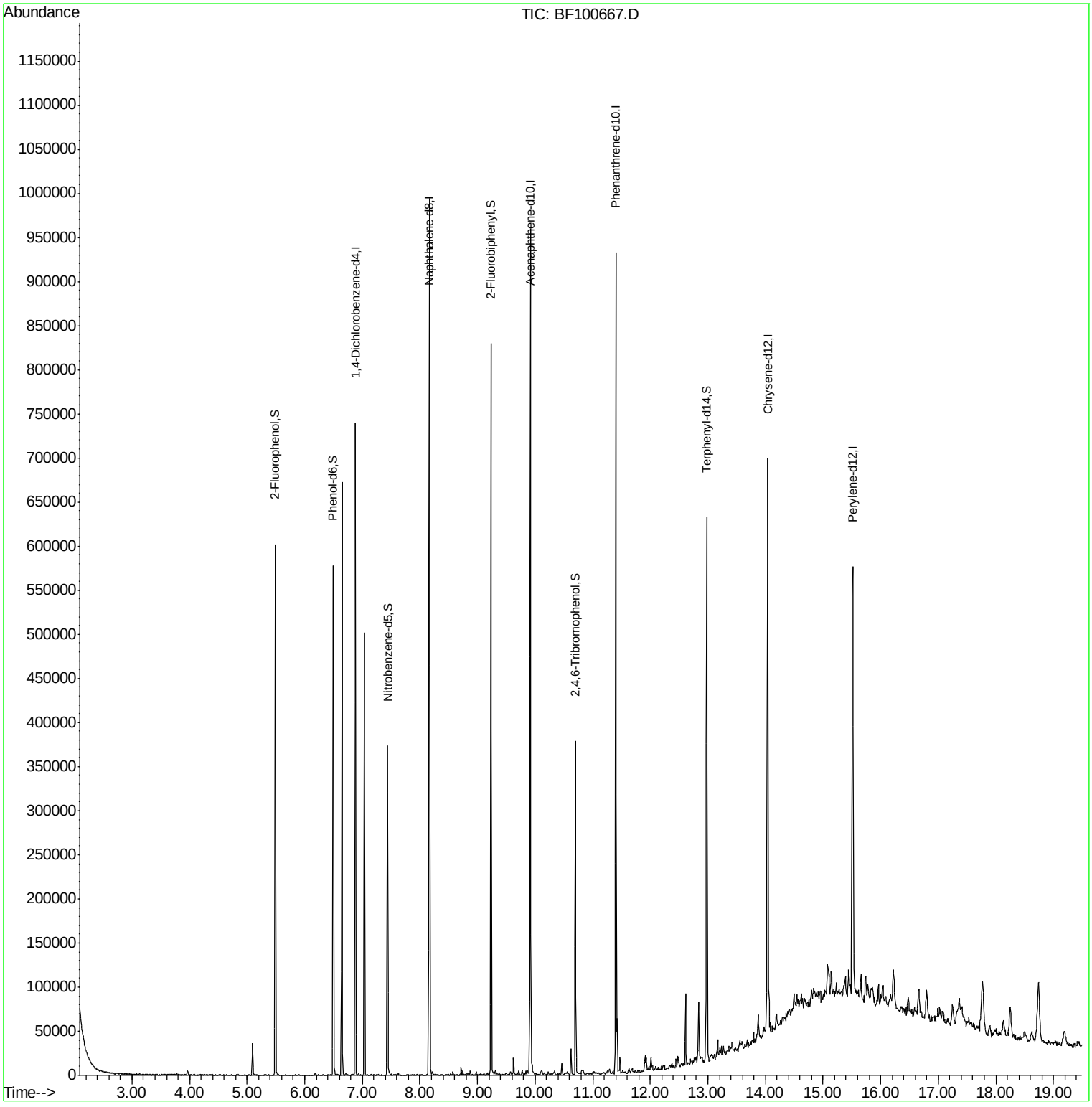
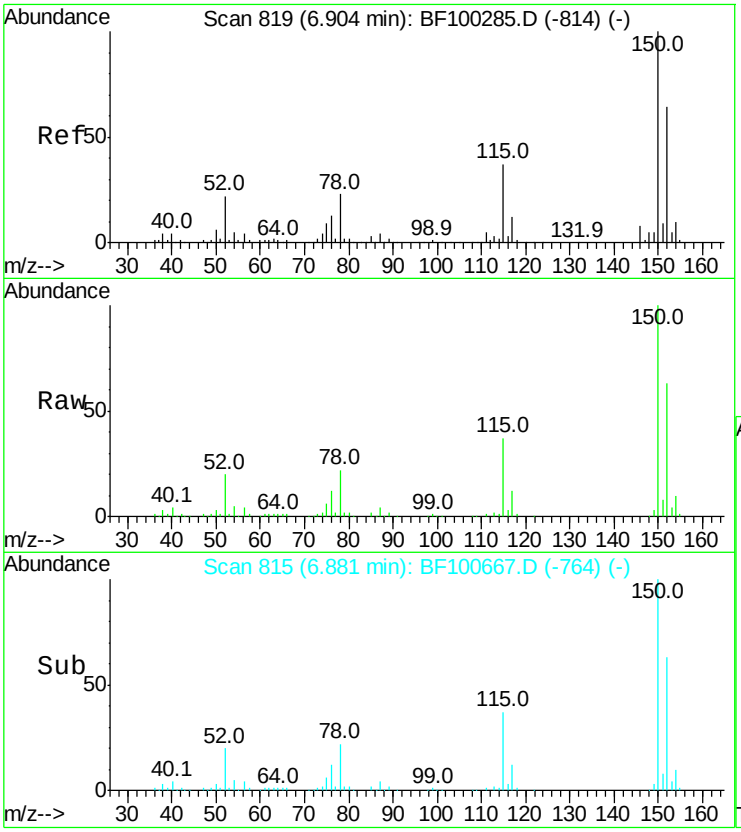


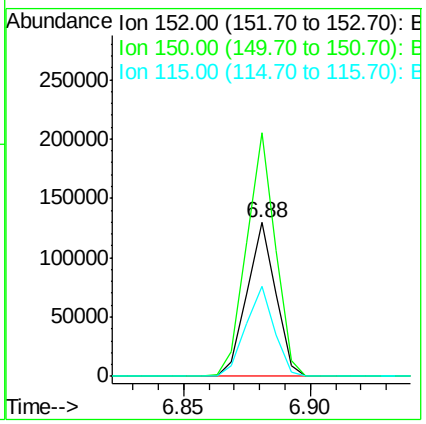


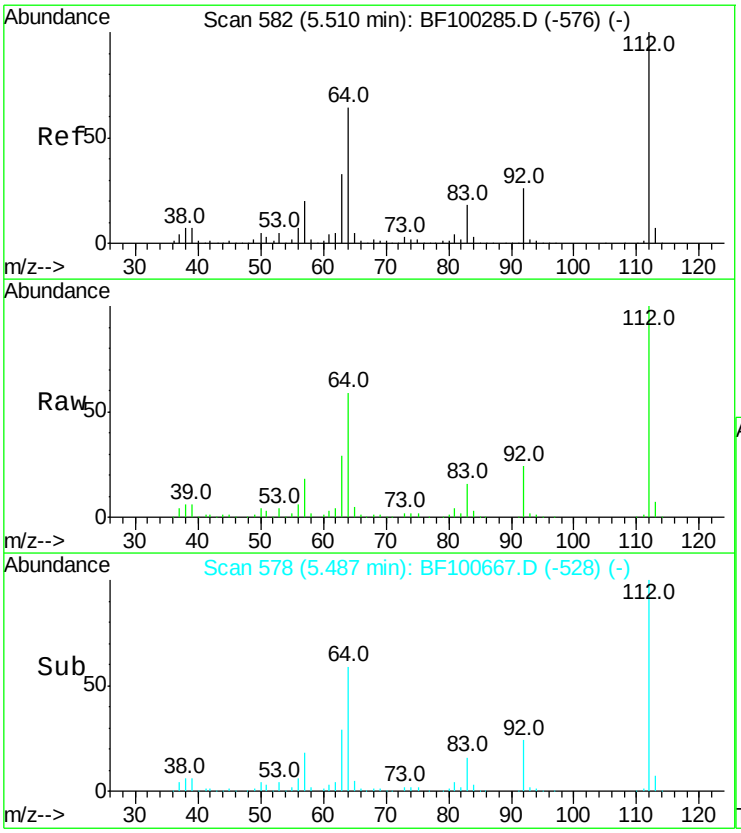
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Instrument :
BNA_F
ClientSampleId :
SU-01-111417

Tgt Ion:152 Resp: 102556

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	58.3	50.1	75.1

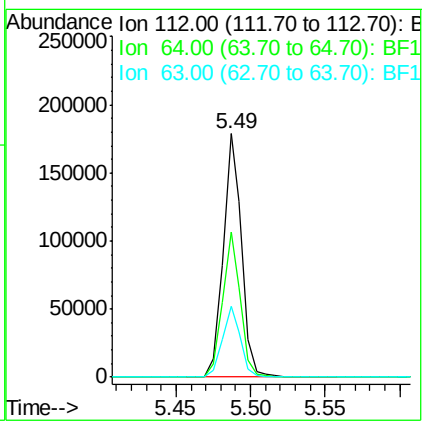


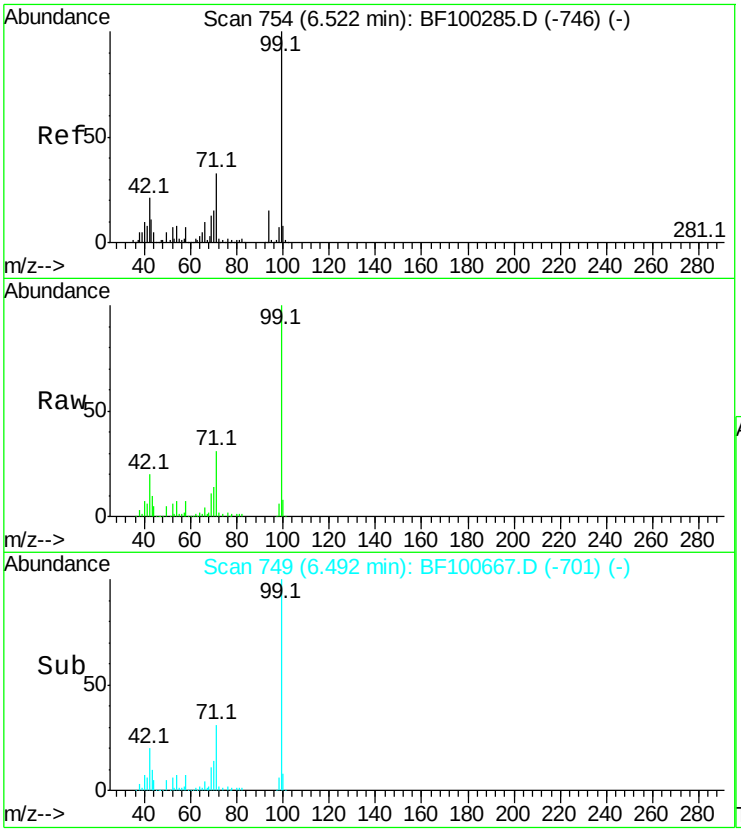


#5
2-Fluorophenol
Concen: 24.287 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Tgt Ion:112 Resp: 155384

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	29.3	23.7	35.5



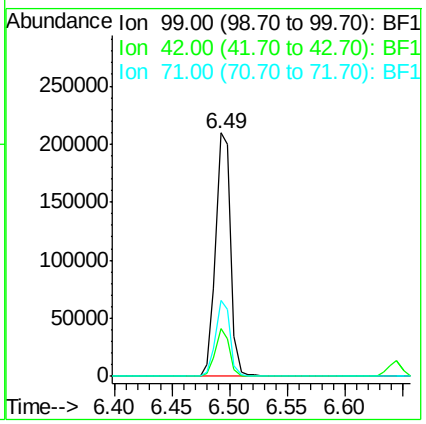


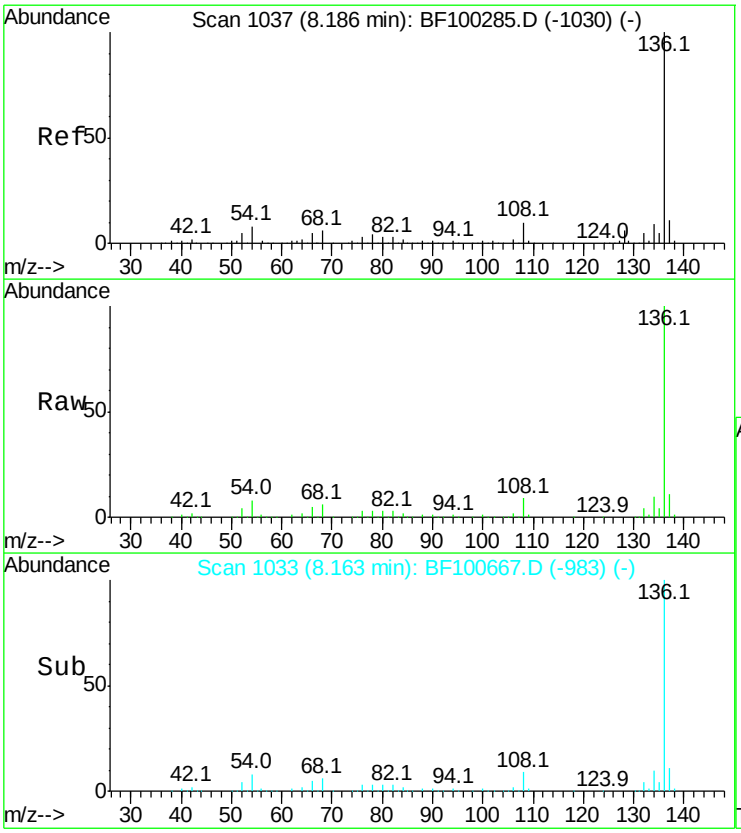
#7
Phenol-d6
Concen: 24.181 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Instrument :
BNA_F
ClientSampleId :
SU-01-111417

Tgt Ion: 99 Resp: 190773

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	31.0	25.4	38.0

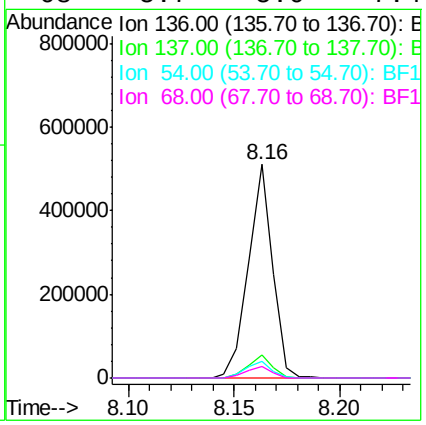


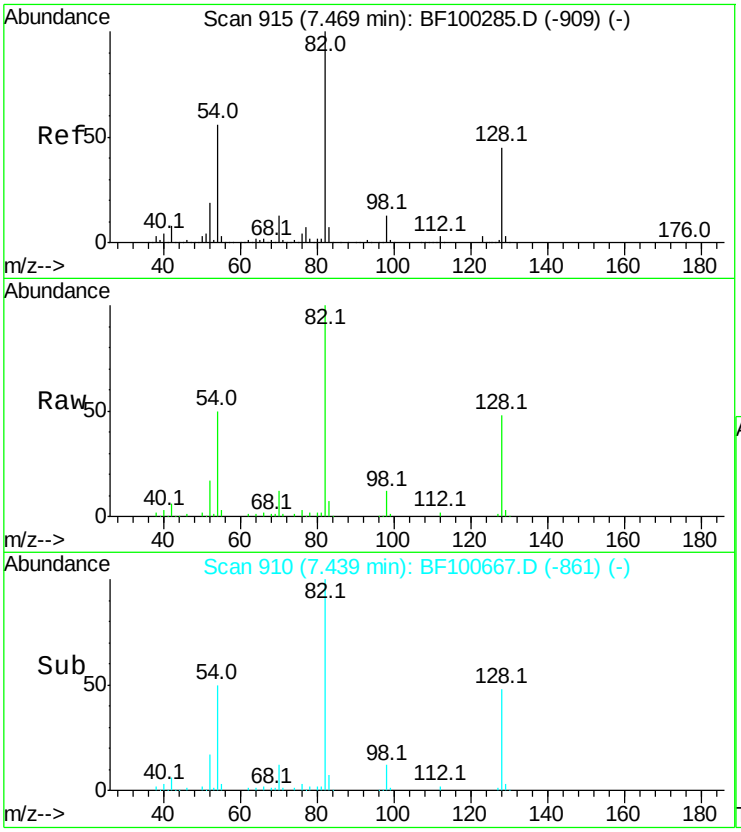


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Tgt Ion:136 Resp: 407292

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	6.6	9.8
68	5.7	5.0	7.4



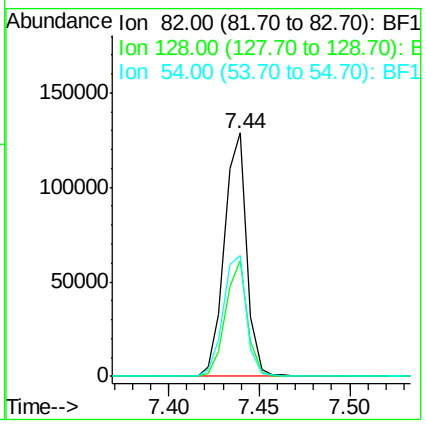


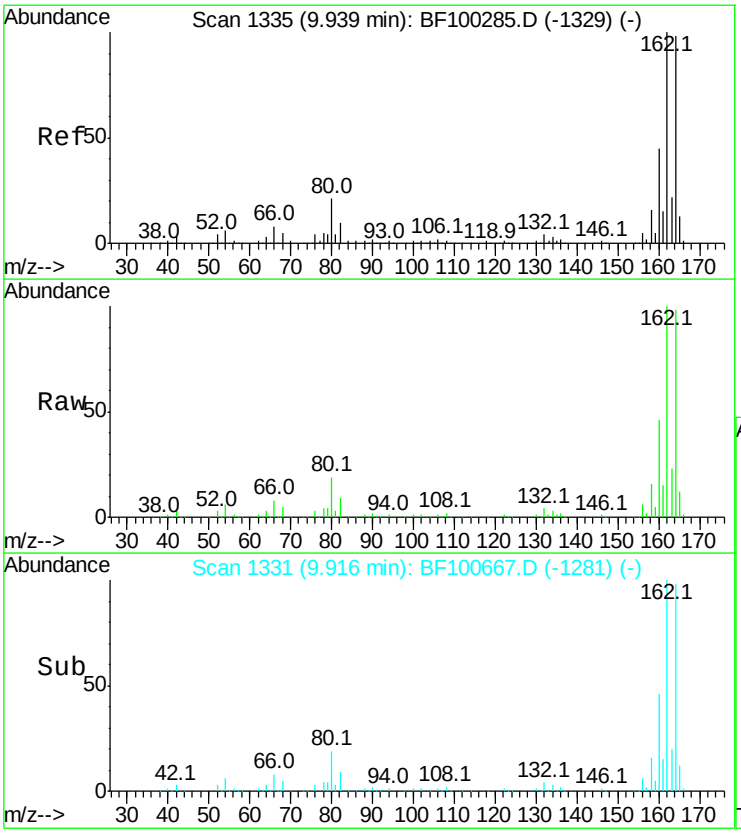
#23
Nitrobenzene-d5
Concen: 17.994 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Instrument :
BNA_F
ClientSampleId :
SU-01-111417

Tgt Ion: 82 Resp: 110855

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	49.7	41.4	62.2

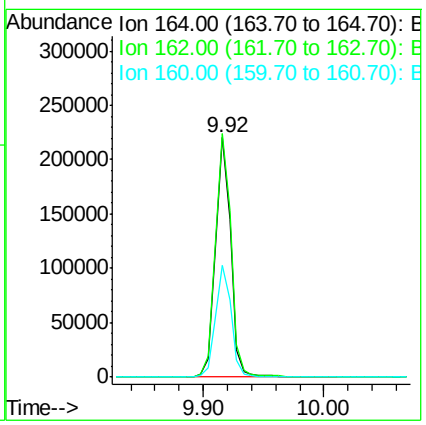


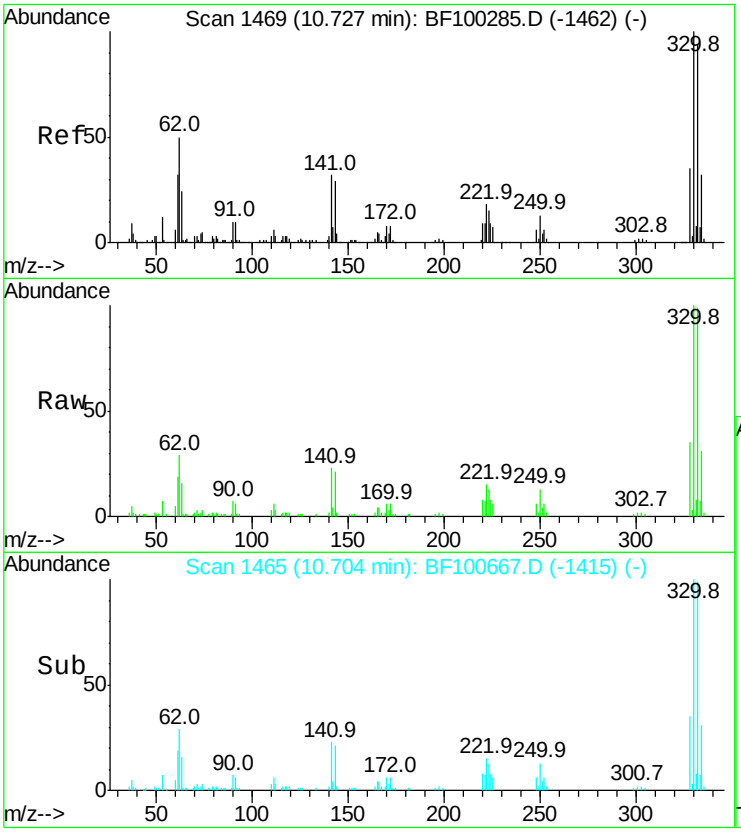


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Tgt Ion:164 Resp: 188176

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.7	38.3	57.5



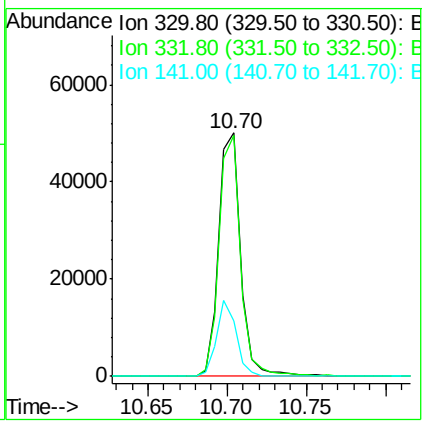


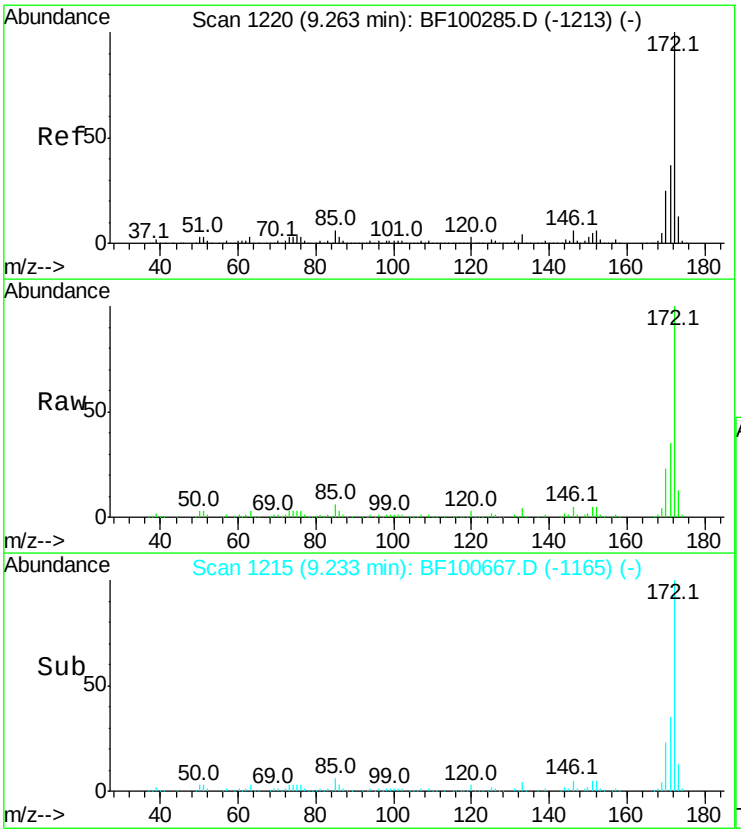
#41
2,4,6-Tribromophenol
Concen: 25.019 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Instrument :
BNA_F
ClientSampleId :
SU-01-111417

Tgt Ion:330 Resp: 47975

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	27.7	29.9	44.9#

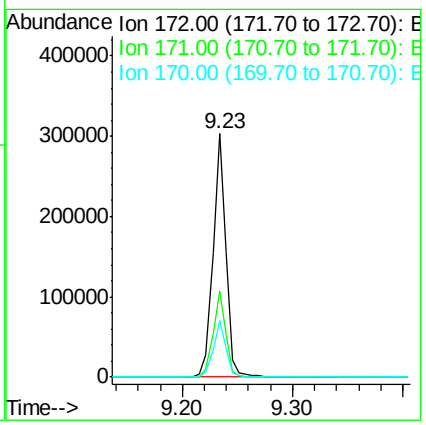


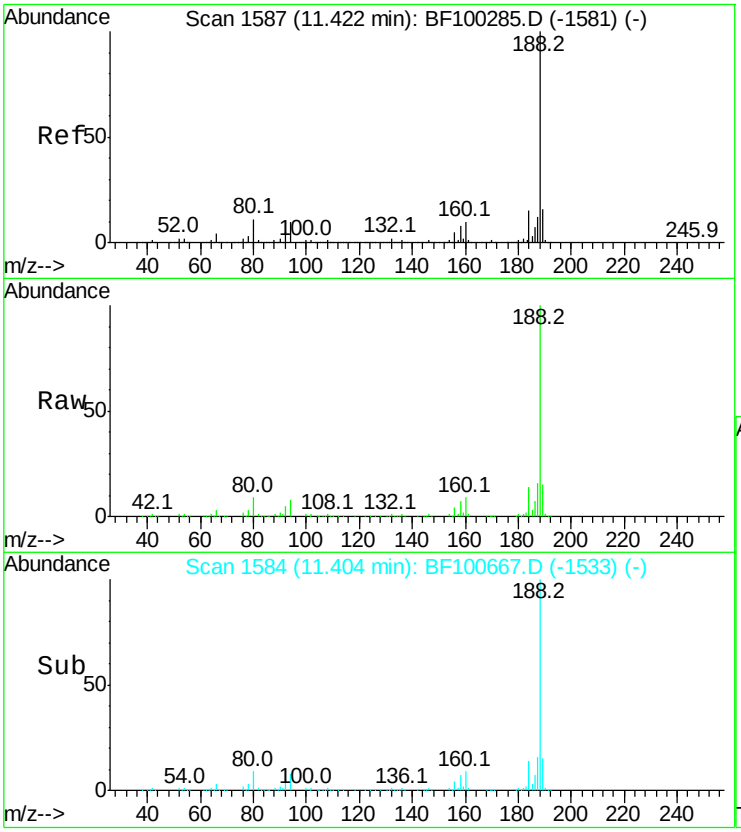


#44
2-Fluorobiphenyl
Concen: 19.551 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Tgt Ion:172 Resp: 241614

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.1	19.6	29.4



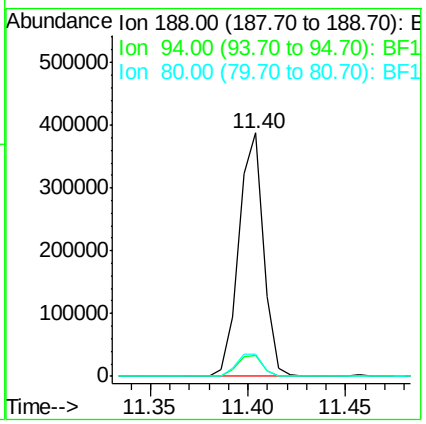


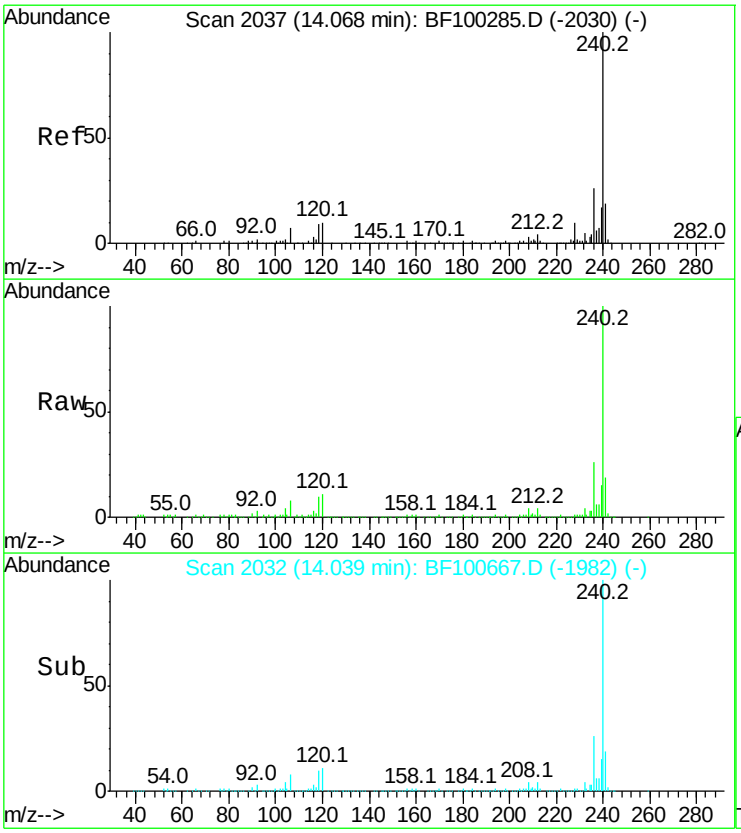
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Instrument :
BNA_F
ClientSampleId :
SU-01-111417

Tgt Ion:188 Resp: 339373

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#

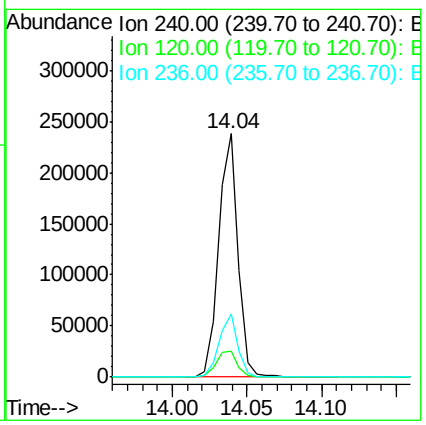


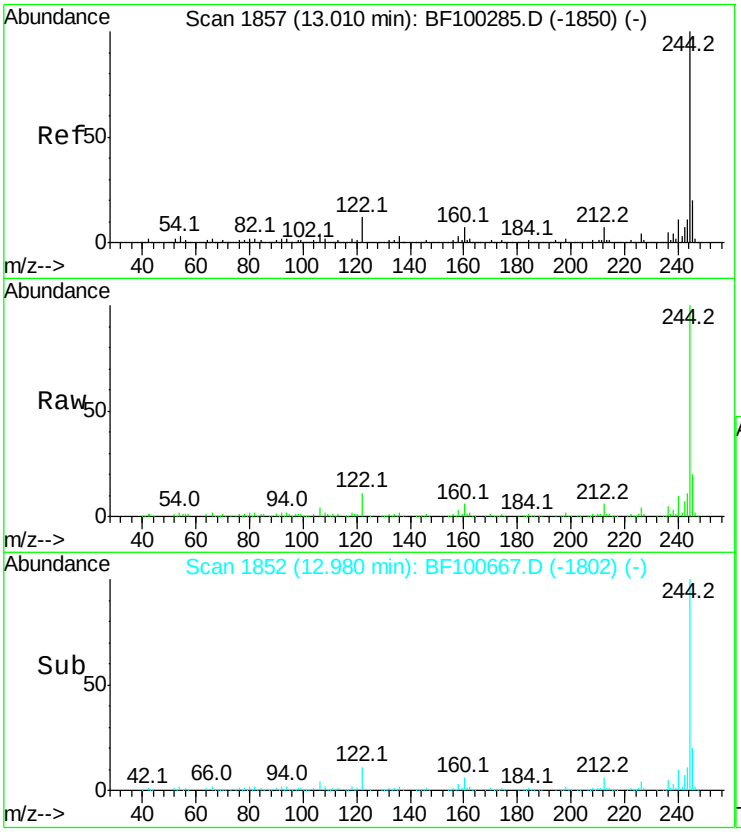


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Tgt Ion:240 Resp: 216206

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.9	20.7	31.1



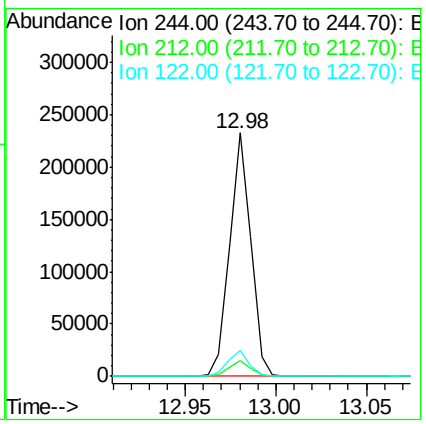


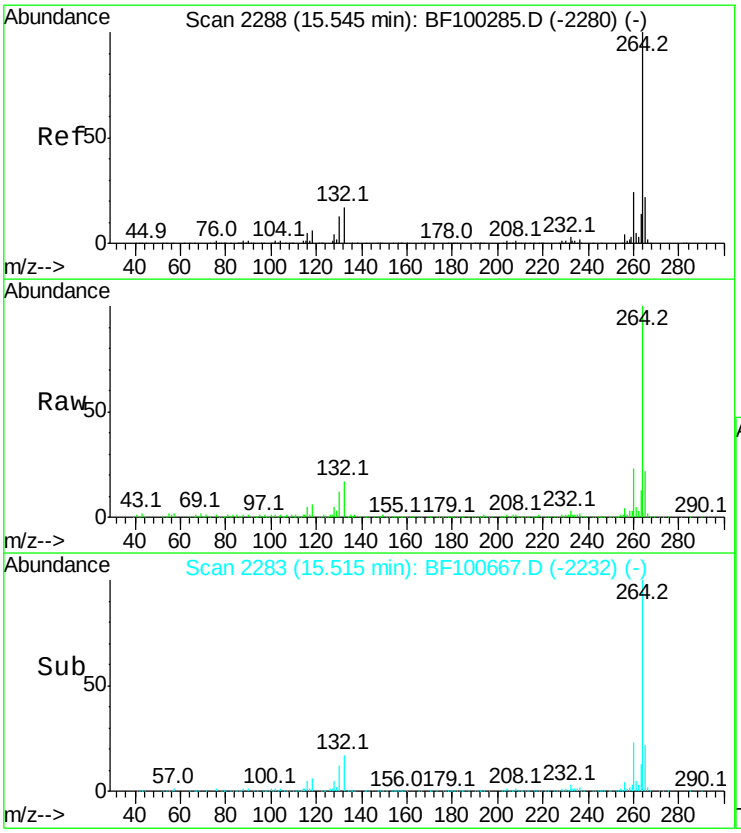
#78
Terphenyl-d14
Concen: 20.233 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Instrument :
BNA_F
ClientSampleId :
SU-01-111417

Tgt Ion:244 Resp: 190383

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100667.D
Acq: 17 Nov 2017 10:47

Tgt Ion:264 Resp: 230300

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	17.5	26.3